

**WHAT IS CLAIMED IS:**

1. A function setting method to be implemented using an anti-theft device that includes a remoter controller and a base module, comprising the steps of:

5 (A) operating the remote controller to select one of function signals;

(B) enabling the remote controller to wirelessly transmit the currently selected one of the function signals for reception by the base module; and

10 (C) enabling the base module to change a previously selected function setting of a security function of the base module with a function setting that is associated with the currently selected one of the function signals.

2. The function setting method as claimed in Claim 1, further comprising the step of enabling operation of the remote controller in a function-setting mode prior to step (A).

3. The function setting method as claimed in Claim 1, further comprising the step of enabling the base module to wirelessly transmit a response signal to be received by the remote controller after step (C).

4. The function setting method as claimed in Claim 1, wherein step (B) is performed only when the remote controller receives an affirmative response to an inquiry to perform step (B).

5. The function setting method as claimed in Claim 1, wherein step (A) is performed only when the remote

controller receives an affirmative response to a first inquiry to perform step (A).

6. The function setting method as claimed in Claim 5, wherein step (B) is performed only when the remote controller receives an affirmative response to a second inquiry to perform step (B).

7. The function setting method as claimed in Claim 6, wherein step (A) is repeated when the remote controller receives a negative response to the second inquiry to perform step (B).

8. The function setting method as claimed in Claim 2, wherein operation of the remote controller in the function-setting mode is enabled only upon receipt by the remote controller of an affirmative response to an inquiry made thereby.

9. The function setting method as claimed in Claim 3, further comprising the step of enabling the remote controller to provide an indication signal upon receipt of the response signal.

10. An anti-theft device, comprising:

a base module operable so as to provide at least one security function that is capable of being set to different function settings, said base module including

a memory unit for storing a previously selected one of the function settings,

a receiver circuit operable so as to wirelessly receive a currently selected one of function signals,

and

a controller unit coupled to said receiver circuit  
and said memory unit,

5       said controller unit being operable so as to  
control operation of said base module in accordance with  
the previously selected one of the function settings  
stored in said memory unit,

10       said controller unit being further operable so  
as to overwrite the previously selected one of the  
function settings stored in said memory unit with a  
function setting associated with the currently selected  
one of the control signals received by said receiver  
circuit; and

15       a remote controller operable so as to transmit the  
currently selected one of the function signals, said  
remote controller including

a processor unit,

20       a function key set coupled to said processor unit,  
and operable so as to control selection of the function  
signals by said processor unit, and

a transmitter circuit coupled to said processor  
unit and operable so as to wirelessly transmit the  
currently selected one of the function signals for  
reception by said base module.

25       11. The anti-theft device as claimed in Claim 10, wherein  
said remote controller further includes a display unit  
coupled to said processor unit, said display unit

providing a plurality of display patterns, each of which corresponds to a respective one of the function signals, and indicates a function setting associated with the respective one of the function signals.

5 12. The anti-theft device as claimed in Claim 11, wherein said base module is further operable so as to transmit response signals that are to be received by said remote controller.

10 13. The anti-theft device as claimed in Claim 12, wherein said remote controller further includes an indicator unit coupled to said processor unit, said indicator unit being controlled by said processor unit to provide an indication signal upon receipt of the response signal from said base module.

15 14. The anti-theft device as claimed in Claim 13, wherein said indicator unit includes at least one of a light emitting diode and a buzzer.